

CORNELL UNIVERSITY OFFICIAL PUBLICATION

Announcement of the
Winter Term
in the New York State
College of Agriculture
for 1942-43



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The Calendar for the 1942-43 Winter Term
College of Agriculture

1942

- Nov. 16, *Monday*, Registration.
Nov. 17, *Tuesday*, Instruction begins at 8 A.M.
Nov. 26, *Thursday*, *Thanksgiving*, a holiday.
Dec. 10, *Thursday*, Last day for the payment of tuition and fees.
Dec. 19, *Saturday*, Instruction ends at 12:50 P.M.

(*Christmas Recess*)

1943

- Jan. 4, *Monday*, Instruction resumed at 8 A.M.
March 13, *Saturday*, Winter term closes at 12:50 P.M.

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NEW YORK STATE COLLEGE OF AGRICULTURE

WINTER TERM STAFF

- Edmund Ezra Day, Ph.D., LL.D., President of the University.
Cornelius Betten, Ph.D., D.Sc., Dean of the University Faculty and Professor of Entomology.
Carl Edwin Ladd, Ph.D., LL.D., Dean of the College of Agriculture and Professor of Agricultural Economics.
Anson Wright Gibson, M.S., Director of Resident Instruction and Professor in Personnel Administration.
Cedric Hay Guise, B.S., M.F., Professor in Personnel Administration in charge of Admissions.
John Parker Hertel, Ph.D., Assistant Professor in Personnel Administration and Secretary of the College.
Howard Styling Tyler, Ph.D., Assistant Professor in Personnel Administration in charge of vocational guidance and placement.
Willard Waldo Ellis, A.B., LL.B., Librarian.
- Harry Oliver Buckman, Ph.D., Professor of Soil Technology.
Lowell Stuart Hardin, B.S., Assistant in Farm Management.
Edwin Shepherd Harrison, Ph.D., Professor of Animal Husbandry and Animal Husbandman in the Experiment Station.
Herbert Bertsch Hartwig, Ph.D., Professor of Field Crops.
Merrill Newkirk Knapp, B.S., Instructor in Extension Teaching.
Charles Thomas Male, jr., M.S., Instructor in Agricultural Engineering.
Howard Wait Riley, M.E., Professor of Agricultural Engineering and Agricultural Engineer in the Experiment Station.
Louis Michael Roehl, B.S., Professor of Farm Mechanics.

NEW YORK STATE COLLEGE OF AGRICULTURE

The New York State College of Agriculture is maintained by the State as one of three state colleges within Cornell University. It is equipped with a staff and facilities for teaching resident students of various types, for making investigations in all phases of agriculture and the underlying sciences, and for disseminating its teachings to the people of the State. The support of the State towards these ends is supplemented by substantial appropriations from the Federal Government, and by the land and other large facilities and services freely placed at the disposal of the College by Cornell University.

In addition to the winter term, which is described in this publication, the college offers also a two-year course for young men who expect to go into farming or into business closely allied to it, and who desire agricultural training of college grade, but cannot devote more than two years to it; a four-year course, leading to the degree of Bachelor of Science; and graduate instruction leading to higher degrees. These offerings give preparation for different kinds and different levels of agricultural vocations and call for different prerequisites for admission. A separate printed announcement of each of these courses is available on application to the Secretary of the College of Agriculture, Roberts Hall, Ithaca, New York. A summer session, ordinarily of six weeks, is regularly offered, but during the summer of 1942 instruction is available in three periods totalling fifteen weeks. Requests for the summer session announcement should be sent to Director of the Summer Session, Cornell University, Ithaca, New York.

THE WINTER TERM

The information in this announcement relates to the winter term, a war-emergency program, offered for the first time in 1942-43. It is designed primarily for young men who work on farms and find it impossible to leave for college the latter part of September when the regular fall term commences. Those who can leave the farm for the opening of the fall term are advised to enter college at that time, for a wider selection of courses is available. Furthermore, it is recommended that they enroll for the full college year, if they can do so without too much interference with their farming.

The winter term opens on November 16, 1942, and ends on March 13, 1943. This provides for a term of standard length, and a full term of credit may be obtained. The courses are taught by regular staff members, and the work is of college grade. The term is planned for first-year students in agriculture. It is expected that a student who already has had a term or more in a college of agriculture will have had the equivalent of some of the courses offered and will be unable to obtain a full schedule of work in the winter term. Applicants who

have had previous college work will be considered for admission if programs can be arranged for them from the courses listed.

The offering of a winter term in 1943-44 for new students or for those who attend the winter term in 1942-43 will depend upon conditions and upon demand. The college will endeavor to provide instruction that will permit those who take the winter term to continue their education to the best possible advantage.

REQUIREMENTS FOR ADMISSION

For admission to the winter term, candidates must offer:

Fifteen units acceptable to Cornell University in subjects credited by the University of the State of New York toward a state diploma, or the equivalent by school certificates. English, 4 years, is counted as 3 units.

Approximately one year of practical experience on a farm.

Certificates of good moral character.

All students matriculating in the University must present a satisfactory certificate of vaccination against smallpox. This certificate is considered satisfactory only if it certifies to a successful vaccination within five years, or certifies that at least three unsuccessful attempts have been made within the same period.

THE APPLICATION FOR ADMISSION

Candidates for admission should address Dr. E. F. Bradford, Director of Admissions, Morrill Hall, Ithaca, New York, stating that they desire to enter the winter term in the College of Agriculture. This should be done as early as possible, since the procuring of the necessary credentials often takes considerable time.

Every candidate for admission to the winter term must make a deposit of \$25 before his application can be finally approved and registration coupons issued. A check, draft, or money order should be made payable to Cornell University and sent to the Office of Admissions, Morrill Hall, Ithaca, New York.

If the candidate matriculates, the deposit will be credited to his account, \$10 for the matriculation fee, \$1 for examination books, and \$14 as a guaranty fund, which every winter-term student is required to maintain, and which is to be refunded to him upon his permanent withdrawal, less any indebtedness to the University.

If admission is denied a candidate who has complied with these rules, the deposit is refunded in full at any time.

RELATION TO THE FOUR-YEAR DEGREE COURSE

Except in respect to the items of administration and curriculum specifically covered in this announcement, students in the winter term are governed by exactly the same conditions as are students of the four-year course. They should, therefore, consult the announcement of the latter course for further details of information.

The winter term is similar to a term of the two-year course. A stu-

dent who makes a satisfactory record in the winter term may later transfer to the two-year course where he will receive credit toward the two-year certificate for the work he has completed. At the end of the two-year course those who have given evidence of ability to carry advanced work may transfer to the degree course. In certain instances it may be permissible to transfer directly from the winter term to the degree course, depending upon the credit that was offered for admission and upon the quality of the work done in college. Always, transfer from one course to another depends principally upon the college record. Those students who qualify for such transfer will not be required to offer any further entrance credit.

Winter-term students are registered as special students and are not eligible to represent the University in intercollegiate athletics. They will find ample opportunity to play on intramural teams, and if they transfer later to a degree course they may then compete for the varsity teams.

EXPENSES

TUITION

Tuition is free to winter-term students in the New York State College of Agriculture, who at the time of their admission are, and for at least twelve months prior thereto have been, bona-fide residents of the State of New York.

Students in agriculture who are not exempt under this provision are required to pay \$100 a term. Tuition and other fees become due when the student registers. The University allows twenty days of grace after the registration day, which for the winter term ends on December 10. Any student, except as hereinafter provided, who fails to pay his tuition, fees, and other indebtedness, or if entitled to free tuition fails to claim the same at the Treasurer's office and pay his other fees, within the time prescribed by the University is thereby dropped from the University. When in his judgment the circumstances in a particular case so warrant, the Treasurer may allow an extension of time to complete payments. For such extension, the student will be assessed a fee of \$2. A financial reinstatement fee of \$5 will be assessed in the case of any student who is permitted to continue or return to classes after being dropped from the University for default in payments. For reasons satisfactory to the Treasurer and the Registrar, which must be presented in writing, the above assessment may be waived in any individual case.

Any tuition or other fee may be changed by the Board of Trustees to take effect at any time without previous notice.

OTHER FEES

A *matriculation fee* of \$10 is required of every student upon entrance into the University. A new winter-term student who has made the required deposit of \$25 with the Treasurer does not make an additional payment of the matriculation fee, because the Treasurer draws

on the deposit for this fee. An *examination book fee* of \$1 is also charged against the deposit to pay for examination books furnished to the student throughout his course.

A *health and infirmary fee* of \$7.50 a term is required at the beginning of each term of every student. For a statement of the privileges given in return for this fee, see what is said about the Student Clinic and Infirmary in the *General Information Number*.

A *Willard Straight Hall membership fee* of \$5 is required at the beginning of each term. Its payment entitles the student to a share in the common privileges afforded by the operation of Willard Straight Hall, subject to the regulations made by the Board of Managers.

A *physical recreation fee* of \$4, required at the beginning of each term, entitles the student to the use of a locker, bathing facilities, and towels, in the gymnasium, Barton Hall, or the Schoellkopf Memorial Building.

A *University administration fee* of \$5 a term is required of every student in the state colleges at the beginning of each term.

Automobile Registration and Parking. See Automobile Regulations in the *General Information Number*.

Laboratory fees are charged to cover the cost of materials used in certain courses that require laboratory and field work. The exact amount is listed with the description of each course.

BOARD AND LODGING

Many private lodging houses near the University offer furnished rooms, with heat and light, at rates ranging from \$3 to \$5 a week for a single room. Before he rents a room in a private house, a student should make sure, by a personal inspection, that the sanitary arrangements of the house are good, and he should especially insist on a good fire escape. The University publishes a list of lodging houses that have been inspected and found to be satisfactory in the above respects. A copy may be obtained from the Manager of Residential Halls, Morrill Hall, Ithaca, New York.

The number of private houses that offer both room and board is small, and many students get their meals outside the houses where they live. The University conducts a cafeteria in Willard Straight Hall, and the College of Home Economics also has a public cafeteria. There are other good cafeterias that are patronized mainly by students. The cost of meals varies, but \$8 a week should be considered as a minimum.

DESCRIPTION OF COURSES

The winter term is offered with the belief that the students will want instruction that may apply directly to farming or to related employment. The courses described have been selected for that purpose. It is expected that a student will register for five of the following six courses, although some may take all six.

AGRICULTURAL ECONOMICS

A. Farm Management. Credit three hours. Lectures, T Th 10. Warren 125. Laboratory, M 1.40-4. Warren 201. Mr. HARDIN.

Farming as a business; types of farming; farm records and accounts; size of business; rates of production; labor efficiency; farm layout; building arrangement; ways of starting farming; use of capital and credit; choosing and buying a farm; planning the organization and management of specific farms. Fee for materials furnished, \$2.

AGRICULTURAL ENGINEERING

A. Farm Mechanics. Credit three hours. Lectures, T Th 11. Wing B. Recitation, T or Th 8. Agricultural Engineering Laboratories. Professor RILEY and Mr. MALE.

A course planned to give training in understanding the farm application of mechanical methods and appliances and to develop ability to think and to reason in terms of these. Materials fee, \$1.

B. Farm Shop Work. Credit three hours. Practice, M W F 10-12.20. Agricultural Engineering Laboratories. Professor ROEHL.

Woodworking, with special jobs in carpentry, cabinet making, and fitting tool handles; metal working, with special jobs in saw fitting, tool grinding, cold-metal working, sheet-metal working, selecting and attaching builders' hardware; forge work, with special jobs in shaping and tempering tools; painting, with special jobs in repairing and refinishing furniture; harness repairing; problems in the use of rope. Mechanical drawing and free-hand sketching are done as they supplement the work. Laboratory fee, \$5.

AGRONOMY

A. Soils and Crops. Credit three hours. Lectures, T Th S 9. Caldwell 143. Professors BUCKMAN and HARTWIG.

The first part of this course deals with those soil properties that are of special practical significance. Soil acidity, lime, fertilizers, and manures are studied. With this as a background, the important feed-crops of New York are considered as to characteristics, varieties, culture, rotation, fertilization, and adaptation to soil and climate.

ANIMAL HUSBANDRY

A. Dairy Cattle. Credit three hours. Lectures, M W 9. Wing C. Laboratory, W 1.40-4. Professor HARRISON.

The principles and practices of breeding and feeding dairy cattle; care and management of the dairy herd; milk production; practice in judging and scoring.

EXTENSION TEACHING

A. Oral and Written Expression. Credit three hours. M W F 8. Roberts 492. Mr. M. N. KNAPP.

Practice in oral and written presentation of topics in agriculture, with criticism and individual appointments on the technic of public speech. Designed to encourage interest in public affairs, and, through demonstrations and the use of graphic materials and other forms, to train for effective self-expression in public. Special training is given to competitors for the Eastman Prizes for Public Speaking and the Rice Debate Stage. In addition, some study is made of representative works in English literature. Part of the work in the second term is a study of parliamentary practice.